

M12 Scrollseal Washable Optical Mouse
Spec Sheet

Product model	USB PS2 Washable Mouse	
Model No.	M12	
	Dimensions	3.95x119x66 (HxLxW mm)
	Weight	109g (not including extension cable)
Environmental	Operating Temperature	0 to 40 Deg C
	Non-operating Temperature	-20 to 60 Deg C
	Operating Humidity (non-condensing)	10% to 90%
	Non-operating Humidity (non-condensing)	10% to 90%
	Operating Shock	40g, 6 surfaces
	Non-operating Shock	80g, 6 surfaces
	Operating Vibration	2 g peak acceleration
	Non-operating Vibration	4 g peak acceleration
	Drop	80cm height onto asphalt tile over concrete (operational)
Electrical	Operating Voltage	5V DC +/- 10%
	Power Consumption	50 mA
	System Connection	PS2* & USB (*Adaptor Supplied)
	ESD	CE Level 4 (15kV air discharge)
	EMI-RFI	Conforms to CE & FCC rules for class B computing device
	Microsoft® PC99-2001	Functionally Compliant
Mechanical	Resolution	1000 DPI
	Tracking Speed	Up to 30 ips
	Acceleration	Up to 8 g
	Switch Actuation (L&R)	70g nominal peak force
	Switch Life	3,000,000 operations
	Switch Type	Low force micro-switches
	Cable Length (short cord - disconnect for cleaning)	70cm + 2m extension
	Microsoft® PC99-2001	Mechanically compliant
Scroll Wheel	Width	6 mm
	Diameter	30 mm
	Maximum Rotation Speed	48 rats/sec
	Mechanical Life	200,000 rev (min)
	Switch Type (mid)	Low force micro-switches
	Switch Life	3,000,000 operations
Regulatory	Approvals	UL, cUL, FCC, CE, TUV, USB-IF, WHQL, VCCI, BSMI, C-Tick, KCC, ICES-003 B
	Medical Device Directive	IEC/EN 60601-1
	Ingress (water & dust)	IP66/Nema 4X + submerge for cleaning
	Anti-bacterial	EINECS, BPD, AICS, ECL, CN-TW-SP, ENCS, DSC, TSCA, EPA
Compatibility	Win XP, Vista, 7, 8 and iOS	No additional drivers required